

**We Claim:**

1. A method for decreasing C-reactive protein levels in a mammal in need thereof, the method comprising administering to the mammal an effective amount of a non-antibacterial tetracycline formulation.
2. The method according to claim 1, wherein the tetracycline formulation comprises a non-antibacterial amount of an antibacterial tetracycline.
3. The method according to claim 2, wherein the antibacterial tetracycline is selected from the group consisting of terramycin, aureomycin, doxycycline, minocycline, tetracycline, oxytetracycline, chlortetracycline, demeclocycline, lymecycline, or pharmaceutically acceptable salts thereof.
4. The method according to claim 1, wherein the tetracycline formulation comprises a non-antibacterial tetracycline
5. The method of claim 4, wherein the non-antibacterial tetracycline is selected from the group consisting of CMT-1, CMT-2, CMT-4, CMT-6, CMT-7 or CMT-9, or pharmaceutically acceptable salts thereof.
6. The method of claim 4, wherein the tetracycline is CMT-3, or its analogs, or pharmaceutically acceptable salts thereof.
7. The method according to claim 4, wherein the tetracycline is CMT-8, or its analogs, or pharmaceutically acceptable salts thereof.
8. The method according to claim 4, wherein the tetracycline is CMT-10, or its analogs, or pharmaceutically acceptable salts thereof.